

Mouse anti-Staphylococcal Enterotoxin B mAb (3D10)

Catalog #: 0220-009

Description:

Mouse monoclonal antibody reactive to *Staphylococcus aureus* enterotoxin B.

Immunogen/ Target:

Staphylococcal enterotoxin B (SEB)

Formulation & Storage: Supplied in PBS in frozen format with no preservatives added. **Store at +4°C** for 2-3 weeks; **-80°C** for long-term

Notes & Usage Guidelines:

Clonality/Isotype: Monoclonal; IgG1

Host: Mouse

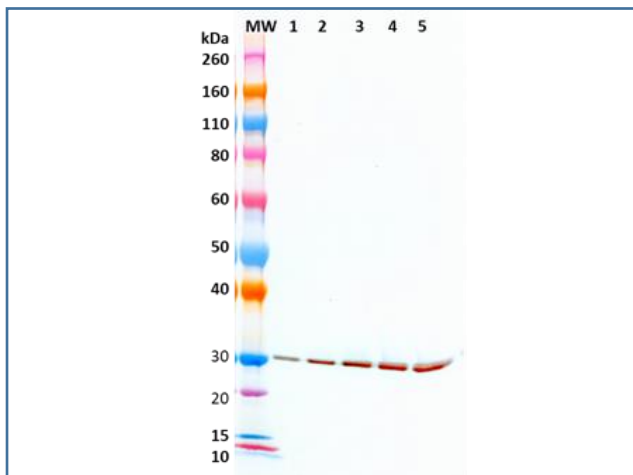
ELISA: Assay-dependent dilution

WB: Assay-dependent dilution

Applications

Western Blot Data:

Heat-denatured and reduced antigens were loaded at 200 ng/lane. Western Blot was detected using 1.0 µg/mL anti-MARV mAb and visualized using an anti-human IgG-HRP conjugate, followed by TMB Membrane substrate. GP2 subunit is detected for MARV-Angola GP (lane 1), RAVV GP (lane 2) and MARV-Musoke GP (lane 3) with slight cross-reactivity against MARV-Ci67 GP (lane 4).



ELISA Data:

Capture ELISA in which antibody 3D10 was coated to the plate overnight at 2-8°C at a concentration of 1 µg/mL. SEB and SEC1 was serially diluted semi-log (1:3.16 serial dilutions) from 100 ng/mL and incubated on the antibody coated plate. Captured SEB was detected using a rabbit anti-Staphylococcal Superantigens polyclonal antibody (cat#: 0311-001) and anti-rabbit IgG-HRP conjugate.

ng/mL	OD 650 nm	
	SEB	SEC-1
100.00	2.592	0.363
31.622	2.245	0.384
10.000	1.362	0.400
3.162	0.754	0.393
1.000	0.421	0.334
0.000	0.420	0.390

Certificate of analysis:

A hardcopy of datasheet is sent along with the products. Please refer to it for detailed information. For older lots, refer to the applicable certificate of analysis that may be requested at products@ibtbioservices.com.

Related Products:

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